CERTIFICATE OF ACCREDITATION

This is to attest that

CENTRAL CALIBRATION LABORATORY (DGMET)

CIVIL AVIATION AUTHORITY – DIRECTORATE GENERAL OF METEOROLOGY
P.O. BOX – 758, P.C. – 111, METROLOGICAL & AIR NAVIGATION COMPLEX
MUSCAT, 111, SULTANATE OF OMAN

Calibration Laboratory CL-260

has met the requirements of AC204, *IAS Accreditation Criteria for Calibration Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories.* This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date September 22, 2023

Expiration Date March 1, 2026

President

Visit www.iasonline.org for current accreditation information.

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

3060 Saturn Street, Suite 100, Brea, California 92821, U.S.A. | www.iasonline.org

CENTRAL CALIBRATION LABORATORY (DGMET)

www.met.gov.om

Contact Name AL Azhar Al Azri **Contact Phone** +968-95255722

Accredited to ISO/IEC 17025:2017 *Effective Date September 22, 2023*

CALIBRATION AND MEASUREMENT CAPABILITY (CMC)*

MEASURED QUANTITY or DEVICE TYPE CALIBRATED	RANGE	UNCERTAINTY[1,2] (±)	CALIBRATION METHOD OR PROCEDURE, STANDARD EQUIPMENT (OPTIONAL)
Mechanical			
Digital Barometers	500 hPa to 1100 hPa	0.35 hPa	Comparison Method using Digital Pressure Calibrator – PPC4E 100 K
Thermal			
Humidity Sensors (@ 23 °C and @40 °C)	15 %RH to 75 %RH 75 %RH to 90 %RH	2.5 %RH 2.8 %RH	Comparison Method using Mitchell Instruments Opti-Cal Humidity and Temperature Calibrator

[1]The uncertainty covered by the Calibration and Measurement Capability (CMC) is expressed as the expanded uncertainty having a coverage probability of approximately 95 %. It is the smallest measurement uncertainty that a laboratory can achieve within its scope of accreditation when performing calibrations of a best existing device. The measurement uncertainty reported on a calibration certificate may be greater than that provided in the CMC due to the behavior of the calibration item and other factors that may contribute to the uncertainty of a specific calibration.

[2]When uncertainty is stated in relative terms (such as percent, a multiplier expressed as a decimal fraction or in scientific notation), it is in relation to instrument reading or instrument output, as appropriate, unless otherwise indicated.

** If information in this CMC is presented in non-SI units, the conversion factors stated in NIST Special Publication 811 "Guide for the Use of the International System of Units (SI)" apply.*